

IN THE CLAIMS:

Please cancel claims 2, 3, 4, 8, 19, 27-32, 34, 40 and 42.

Please amend claim 1 as follows:

Sub 8  
Claim 1 (amended). A method of effecting expression of a selected polynucleotide in a mammalian cell comprising:

- R*
- (a) providing an expression construct, said expression construct comprising (i) [an inducible] a heat shock promoter operably linked to a gene encoding a transactivating factor; and (ii) a second promoter operably linked to said selected polynucleotide, wherein said second promoter is activated by said transactivating factor;
  - (b) introducing said expression construct into said cell; and
  - (c) subjecting said cell to hyperthermic conditions comprising a temperature between about 37°C and about 42°C which activate said [inducible] heat shock promoter,  
[wherein said conditions] resulting in the expression of said selected polynucleotide.

~~In claim 5, line 1, please replace "4" with --1--.~~

~~In claim 6, line 1, please replace "5" with --1--.~~

~~In claim 7, line 1, please replace "2" with --1--.~~

Please amend claim 18 as follows:

Sub 8  
Claim 18 (amended). A method of ~~providing a subject~~ with a therapeutically effective amount of an expression product of a selected polynucleotide comprising:

*R*

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- (a) providing a first expression construct, said expression construct comprising [an inducible] a heat shock promoter operably linked to a gene encoding a transactivating factor;
  - (b) providing a second expression construct, said second expression construct comprising a second promoter operably linked to said selected polynucleotide, wherein said second promoter is activated by said transactivating factor;
  - (c) introducing said first and second expression construct into a cell of said subject; and
  - (d) subjecting said cell to hyperthermic conditions comprising a temperature between about 37°C and about 42°C which activate said [inducible] heat shock promoter, wherein expression of said selected polynucleotide is induced by said hyperthermic conditions.

In claim 20, line 1, please replace "19" with --18--.

Please amend claim 33 as follows:

Sub B6 Claim 33 (amended). A method for provoking an immune response in a mammal comprising:

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- (a) providing an expression construct, said expression construct comprising (i) [an inducible] a heat shock promoter operably linked to a gene encoding a transactivating factor; and (ii) a second promoter operably linked to a selected polynucleotide, wherein said second promoter is activated by said transactivating factor;
  - (b) introducing said expression construct into a cell in the mammal; and
  - (c) subjecting said cell to hyperthermic conditions comprising a temperature between about 37°C and about 42°C which activate said [inducible] heat shock promoter, wherein said hyperthermic conditions result in the expression of said selected polynucleotide and the expression product of the selected polynucleotide is expressed in

an amount effective to provoke an immune response in said mammal, said immune response being selected from the group consisting of a humoral immune response and a cellular immune response.

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In claim 38, line 3, please replace "inducible" with -- heat shock--.

In claim 38, line 5, please replace the first occurrence of "said" with --a--.

Please amend claim 39 as follows:

Claim 39 (amended). An expression construct comprising:

- (a) a gene encoding a transactivating factor;
- (b) [an inducible] a heat shock promoter operably linked to said gene, wherein said heat shock promoter is activated at hyperthermic conditions comprising a temperature between about 37°C and about 42°C;
- (c) a selected polynucleotide; and
- (d) a second promoter operably linked to said selected polynucleotide, said second promoter being activated by said transactivating factor.

In claim 41, line 1, please replace "40" with --39--.

REMARKS

Claims 1-46 are in the application. Claims 1-15, and 17-41 are rejected under 35 U.S.C. §112, first paragraph. Claims 7, 38, and 41 are rejected under 35 U.S.C. §112, second paragraph. Claims 1-7, 9, 10-